

# The MathLesson 41

**Multiplication practice**

**[www.readinglesson.com](http://www.readinglesson.com)**

**[www.mathlesson.com](http://www.mathlesson.com)**

**Mountcastle Company**

1      $2 - 3 =$

2      $3 - 2 =$

3      $4 - 2 =$

4      $5 - 2 =$

Lesson 41

Name

Date

Score

Fill this table.

	1	2	3	4	5	6	7	8	9	10
1	1									
2										
3										
4										
5										
6										
7										
8										
9										
10										

Name

Date

Score

Multiply these.

$1 \times 1 =$

$2 \times 2 =$

$2 \times 2 =$

$3 \times 3 =$

$3 \times 3 =$

$5 \times 5 =$

$4 \times 4 =$

$7 \times 7 =$

$5 \times 5 =$

$10 \times 10 =$

$6 \times 6 =$

$9 \times 9 =$

$7 \times 7 =$

$6 \times 6 =$

$8 \times 8 =$

$5 \times 5 =$

$9 \times 9 =$

$7 \times 7 =$

$10 \times 10 =$

$8 \times 8 =$

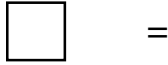
Name

Date

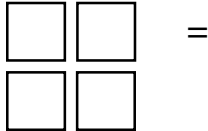
Score

Count the squares.

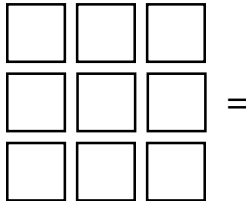
$1 \times 1 =$



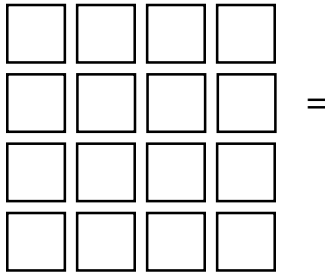
$2 \times 2 =$



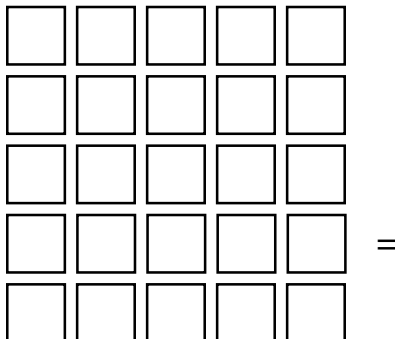
$3 \times 3 =$



$4 \times 4 =$



$5 \times 5 =$



---

Name

Date

Score

A block is 3 little squares on each side. How many total number of small squares does it have? \_\_\_\_\_

A block is 4 little squares on each side. It has how many total squares?

A block is 5 little squares on each side. It has how many total squares?

A block is 2 little squares on each side. It has how many total squares?

A block is 4 little squares on each side. It has how many total squares?

A block is 6 little squares on each side. It has how many total squares?

A block is 7 little squares on each side. It has how many total squares?

A block is 8 little squares on each side. It has how many total squares?

A block which is 4 little squares on each side. It has how many total squares?

Name

Date

Score

Fill in the missing number.

$$7 \times \underline{\quad} = 49$$

$$6 \times \quad = 30$$

$$5 \times \quad = 20$$

$$9 \times \quad = 36$$

$$10 \times \quad = 40$$

$$6 \times \quad = 42$$

$$2 \times \quad = 16$$

$$5 \times \quad = 45$$

$$8 \times \quad = 40$$

$$3 \times \quad = 24$$

$$4 \times \quad = 16$$

$$2 \times \quad = 14$$

$$7 \times \quad = 21$$

Name

Date

Score

$$3 \times \underline{\quad} = 30$$

$$6 \times \quad = 24$$

$$4 \times \quad = 20$$

$$4 \times \quad = 36$$

$$9 \times \quad = 63$$

$$9 \times \quad = 45$$

$$3 \times \quad = 21$$

$$6 \times \quad = 42$$

$$8 \times \quad = 56$$

$$3 \times \quad = 21$$

$$6 \times \quad = 54$$

$$6 \times \quad = 60$$

$$9 \times \quad = 81$$

Name

Date

Score

$$5 \times \underline{\quad} = 15$$

$$7 \times \quad = 28$$

$$4 \times \quad = 32$$

$$5 \times \quad = 35$$

$$9 \times \quad = 18$$

$$3 \times \quad = 27$$

$$3 \times \quad = 24$$

$$5 \times \quad = 15$$

$$8 \times \quad = 48$$

$$7 \times \quad = 42$$

$$8 \times \quad = 64$$

$$8 \times \quad = 72$$

$$9 \times \quad = 72$$

Name

Date

Score

$$4 \times \quad = \quad 24$$

$$5 \times \quad = \quad 45$$

$$6 \times \quad = \quad 42$$

$$8 \times \quad = \quad 64$$

$$4 \times \quad = \quad 16$$

$$2 \times \quad = \quad 18$$

$$3 \times \quad = \quad 15$$

$$4 \times \quad = \quad 28$$

$$6 \times \quad = \quad 30$$

$$8 \times \quad = \quad 40$$

$$9 \times \quad = \quad 63$$

$$7 \times \quad = \quad 35$$

$$6 \times \quad = \quad 54$$

Name

Date

Score

Fill this table.

X	1	2	3	4	5	6	7	8	9	10
1		1								
2		4								
3		9								
4										
5				25						
6										
7										
8										
9										
10										

Name

Date

Score

---

Multiplying a number by itself is called squaring it. We can write this in shorthand like this.

$$2 \times 2 = 4 = 2^2$$

$$4 \times 4 = 16 = 4^2$$

$$5 \times 5 = 25 = 5^2$$

$$6 \times 6 = 36 = 6^2$$

$$7 \times 7 = 49 = 7^2$$

$$8 \times 8 = 64 = 8^2$$

$$9 \times 9 = 81 = 9^2$$

$$10 \times 10 = 100 = 10^2$$

$$11 \times 11 = 121 = 11^2$$

$$12 \times 12 = 144 = 12^2$$

Name

Date

Score

What are these equal to?

$$4^2 = 4 \times 4 =$$

$$5^2 = 5 \times 5 =$$

$$6^2 =$$

$$2^2 =$$

$$7^2 =$$

$$3^2 =$$

$$6^2 =$$

$$9^2 =$$

$$10^2 =$$

$$11^2 =$$

$$12^2 =$$

$$10^2 =$$

---

Name

Date

Score

What are these equal to?

$$3^2 =$$

$$5^2 =$$

$$2^2 =$$

$$4^2 =$$

$$5^2 =$$

$$7^2 =$$

$$4^2 =$$

$$5^2 =$$

$$10^2 =$$

$$11^2 =$$

$$10^2 =$$

$$20^2 =$$

Name

Date

Score

---

Multiplying numbers that have zeros - *the easy way*.

**Example 1.**

$$200 \times 300 =$$

Step 1. First ignore the zeros, we ignore the two zeros at the end of both 200 and 300.

$$200 \times 300$$

Step 2. Then multiply just the numbers.

$$2 \times 3 = 6$$

Step 3. Now add back at the end of the number all the zeros that were ignored.

Ans: 60000

**Example 2.**

$$150 \times 30 =$$

Step 1. Ignore zeros. We ignore the zeros at the end of each number.

$$15 \times 3$$

Step 2. Now multiply just the numbers.

$$15 \times 3 = 45$$

Step 3. Now add back at the end of the number all the zeros that were ignored

Ans: 4500

Name

Date

Score

Multiply these numbers by ignoring zeros  
and then adding them back.

1.  $20 \times 30$

$2 \times 3 =$

8.  $30 \times 30$

$3 \times 3 =$

2.  $100 \times 20$

$1 \times 2 =$

9.  $120 \times 200$

$12 \times 2 =$

3.  $120 \times 20$

$12 \times 2 =$

10.  $130 \times 3$

$13 \times 3 =$

4.  $110 \times 200$

$11 \times 2 =$

11.  $70 \times 200$

$7 \times 2 =$

5.  $320 \times 200$

$32 \times 2 =$

12.  $40 \times 400$

$4 \times 4 =$

6.  $500 \times 50$

$5 \times 5 =$

13.  $500 \times 60$

$5 \times 6 =$

7.  $60 \times 40$

14.  $60 \times 700$

Name

Date

Score

Multiply these numbers by ignoring zeros  
and then adding them back.

1.  $\underline{2}00 \times \underline{3}00$

8.  $310 \times 30$

2.  $10 \times 234$

9.  $120 \times 300$

3.  $120 \times 300$

10.  $130 \times 400$

4.  $110 \times 2000$

11.  $31 \times 700$

5.  $3200 \times 2000$

12.  $20 \times 4200$

6.  $50 \times 150$

13.  $5100 \times 20$

7.  $61 \times 100$

14.  $80 \times 400$

Name

Date

Score

---

Multiply these numbers by ignoring zeros  
and then adding them back.

1.  $120 \times 300$

8.  $23 \times 20$

2.  $410 \times 200$

9.  $1100 \times 700$

3.  $8000 \times 300$

10.  $45 \times 30$

4.  $300 \times 400$

11.  $30 \times 300$

5.  $3600 \times 100$

12.  $500 \times 2000$

6.  $40 \times 220$

13.  $600 \times 80$

7.  $130 \times 40$

14.  $80 \times 40$

---

Name

Date

Score

What are these equal to?

$$30^2 = 30 \times 30 =$$

$$50^2 =$$

$$20^2 =$$

$$10^2 =$$

$$70^2 =$$

$$40^2 =$$

$$50^2 =$$

$$100^2 =$$

$$60^2 =$$

$$10^2 =$$

$$30^2 =$$

---

Name

Date

Score

What are these equal to?

$20^2 =$

$40^2 =$

$10^2 =$

$30^2 =$

$60^2 =$

$50^2 =$

$70^2 =$

$200^2 =$

$80^2 =$

$90^2 =$

$40^2 =$